WHAT IS CLAIMED IS:

[1]

A sealing apparatus that seals an annular gap between a shaft and a housing that are relatively rotated, the sealing apparatus being provided with a seal lip that extends toward the sealing fluid side to be in sliding contact with a shaft surface, characterized by being provided with a projection disposed at the root of the seal lip, where the distance between the surface of the projection and the shaft center is set to have a dimension equal to or slightly larger than the radius of the shaft, and at least a part of the side surface of the projection exhibits a suction function of returning the fluid that has leaked from the seal lip tip end to the sealing fluid side when the shaft and the housing are relatively rotated.

[2]

A sealing apparatus that seals an annular gap between a shaft and a housing that are relatively rotated, the sealing apparatus being provided with a seal lip that extends toward the sealing fluid side to be in sliding contact with a shaft surface, characterized in that

an annular portion is provided that projects out more to the sealing fluid side than the seal lip, and

the annular portion is provided with a projection, where the distance between the surface of the projection and the shaft center is set to have a dimension equal

to or slightly larger than the radius of the shaft, and at least a part of the side surface of the projection exhibits a suction function of returning the fluid that comes in to the inner circumference side of the annular portion to the sealing fluid side when the shaft and the housing are relatively rotated.

[3]

A sealing apparatus according to claim 1 or 2, characterized in that one of a pair of the side surfaces of the projection exhibits the suction function when the shaft and the housing are relatively rotated in a first direction, and the other one of the pair of the side surfaces exhibits the suction function when the shaft and the housing are relatively rotated in a second direction opposite to the first direction.